3 TOP THREE REASONS WHY SD-WAN IS NEEDED FOR INDUSTRY 4.0

Industrial IoT
The industrial internet of things (IIoT) is the use of the internet of things (IoT) in industrial sectors and applications. The vast amount of data from these IoT devices can overwhelm legacy WAN systems.

Cloud Transformation
An increasing number of manufacturing systems and applications are moving to the cloud. Accessing these cloud applications over legacy networks can result in lower user experience.
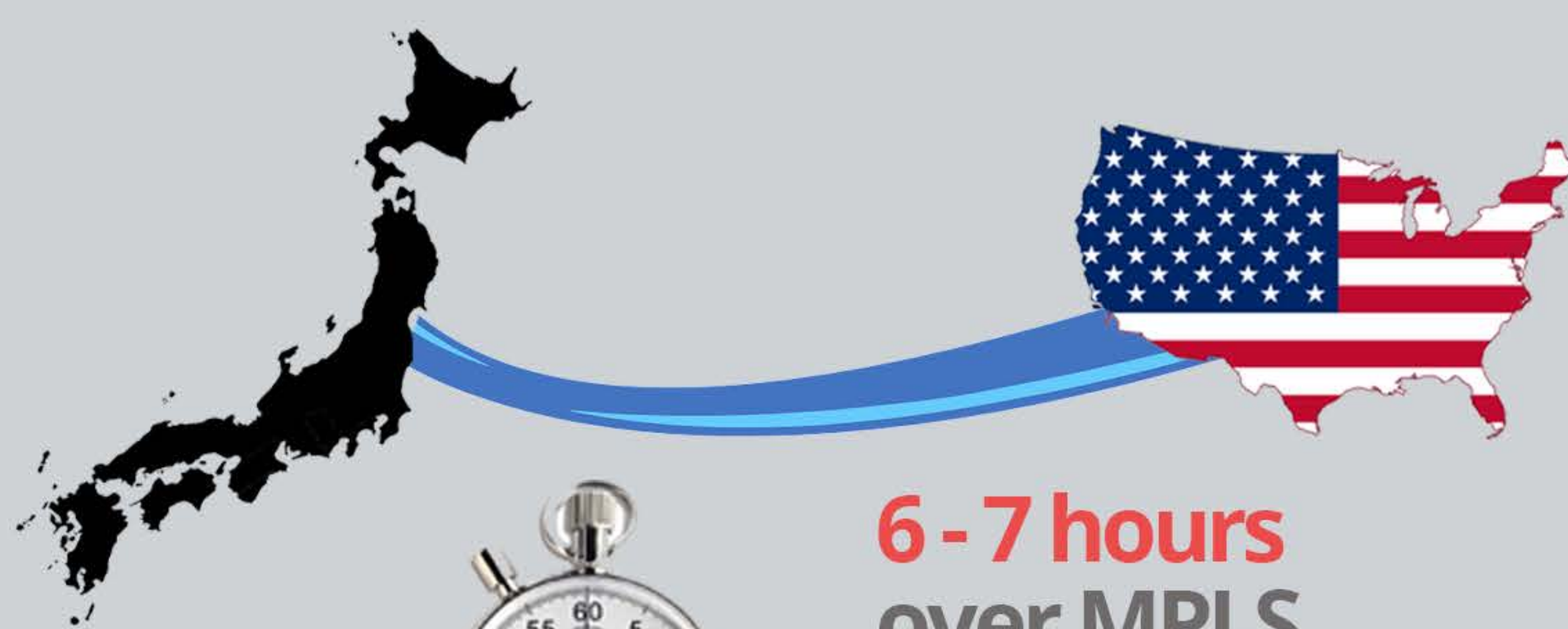
AI & Big Data
Smart factories are generating vast amounts of data that needs to stored in cloud storage locations and accessed on demand by servers running AI and ML algorithms. A traditional WAN cannot handle this data deluge.

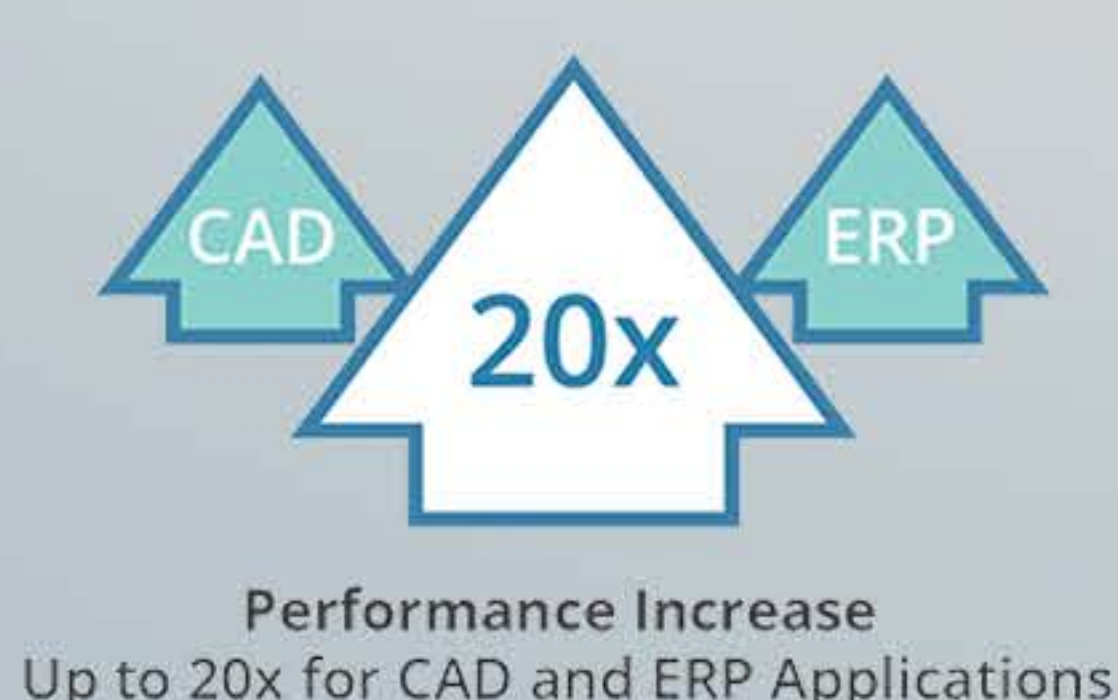## HOW ARYAKA HELPED A LEADING MANUFACTURER TRANSFORM THEIR WAN

> Makino synchronizes massive amounts of data for machine specs and schematics from their headquarters in Tokyo to their tech center in Mason, Ohio. File synchronization would take roughly 6-7 hours daily and had to be done overnight to minimize adverse effects on performance.

6 - 7 hours over MPLS

22 minutes over Aryaka

Makino deployed Aryaka's SmartCONNECT SD-WAN as a Service to meet all their requirements. After deploying the solution, Makino noticed a dramatic improvement in performance and data transfer times immediately. The file synchronization that took 6-7 hours, now took only 22 minutes which allowed them to become more responsive.

CAD **20x** ERP
Performance Increase
Up to 20x for CAD and ERP Applications

95%
Faster Delivery of Customer Machine Specs

ARYAKA SD-WAN SOLUTIONS FOR INDUSTRY 4.0

IoT Inclusive
Aryaka's solution provides a low latency transport for mission critical IoT traffic and ensures security through segmentation of IoT traffic. A management portal offers a real time view of the traffic.

Cloud Acceleration
Aryaka provides a cloud first solution that can identify all major applications and accelerate them based on a bespoke policy. It provides out of the box off ramps to popular cloud service providers.

Big Data Delivered
Aryaka's solution includes a fully meshed layer 2 core network that ensures low latency and packet loss. Built-in WAN optimisation and segmentation ensures mission critical data is prioritized.

`Industrial IoT`   `Cloud Transform`   `Big Data`

DOWNLOAD — DOWNLOAD THE MAKINO CASE STUDY TO LEARN HOW ARYAKA HELPED A MANUFACTURING CLIENT

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